



Patent
Attorney's Docket No. 016660-055

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
Wing Cheung HO et al) Group Art Unit: 1725
Application No.: 09/649,084) Examiner: L. Edmondson
Filed: January 9, 2002)
For: WIRE-BONDING APPARATUS WITH)
IMPROVED XY-TABLE)
ORIENTATION)

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AMENDMENT/REPLY TRANSMITTAL LETTER

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Enclosed is a reply for the above-identified patent application.

- ☐ A Petition for Extension of Time is also enclosed.
- ☐ A Terminal Disclaimer and a check for ☐ \$55.00 (248) ☐ \$110.00 (148) to cover the requisite Government fee are also enclosed.
- ☐ Also enclosed is _____.
- ☐ Small entity status is hereby claimed.
- ☒ Applicant(s) request continued examination under 37 C.F.R. § 1.114 and enclose the ☐ \$370.00 (279) ☒ \$740.00 (179) fee due under 37 C.F.R. § 1.17(e).
- ☐ Applicant(s) previously submitted __, on __, for which continued examination is requested.
- ☐ Applicant(s) request suspension of action by the Office until at least __, which does not exceed three months from the filing of this RCE, in accordance with 37 C.F.R. § 1.103(c). The required fee under 37 C.F.R. § 1.17(i) is enclosed.
- ☐ A Request for Entry and Consideration of Submission under 37 C.F.R. § 1.129(a) (146/246) is also enclosed.
- ☒ No additional claim fee is required.

☐ An additional claim fee is required, and is calculated as shown below:

| AMENDED CLAIMS | | | | | |
|--|------------------|--|-----------------|--------------------------|-----------------|
| | NO. OF CLAIMS | HIGHEST NO. OF CLAIMS PREVIOUSLY PAID FOR | EXTRA CLAIMS | RATE | ADDT'L FEE |
| Total Claims | 11 | MINUS 20 = | -0- | $\times \$18.00 (103) =$ | -0- |
| Independent Claims | 1 | MINUS 3 = | -0- | $\times \$84.00 (102) =$ | -0- |
| If Amendment adds multiple dependent claims, add \$280.00 (104) | | | | | -0- |
| Total Amendment Fee | | | | | 740.00 |
| If small entity status is claimed, subtract 50% of Total Amendment Fee | | | | | -0- |
| TOTAL ADDITIONAL FEE DUE FOR THIS AMENDMENT | | | | | \$740.00 |

☒ A fee in the amount of \$740.00 is enclosed.

☐ Charge \$_____ to Deposit Account No. 02-4800.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17, 1.20(d) and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

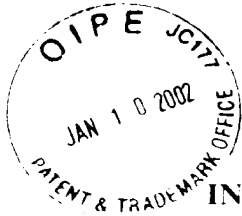
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Date: January 9, 2002



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PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination, kindly amend the above-identified application as follows:

IN THE CLAIMS:

1. (Twice Amended) Wedge wire bonding apparatus comprising:
 - (a) means for supporting a workpiece,
 - (b) a bonding head including a transducer having a longitudinal axis,
 - (c) means for causing relative movement of the workpiece and the transducer along orthogonal X and Y axes simultaneously, and
 - (d) means for supporting the bonding head above the workpiece such that the longitudinal axis of said transducer is fixed along a line dividing said X